

FIG.1

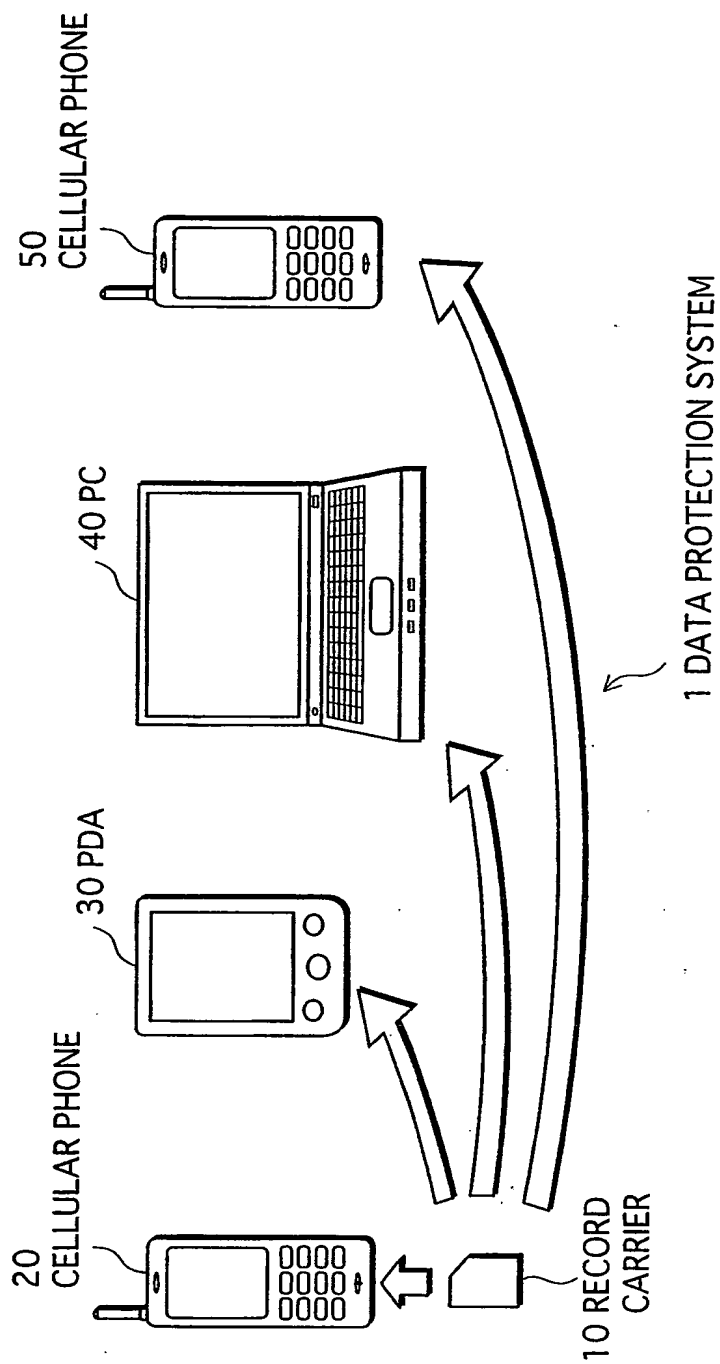


FIG.2

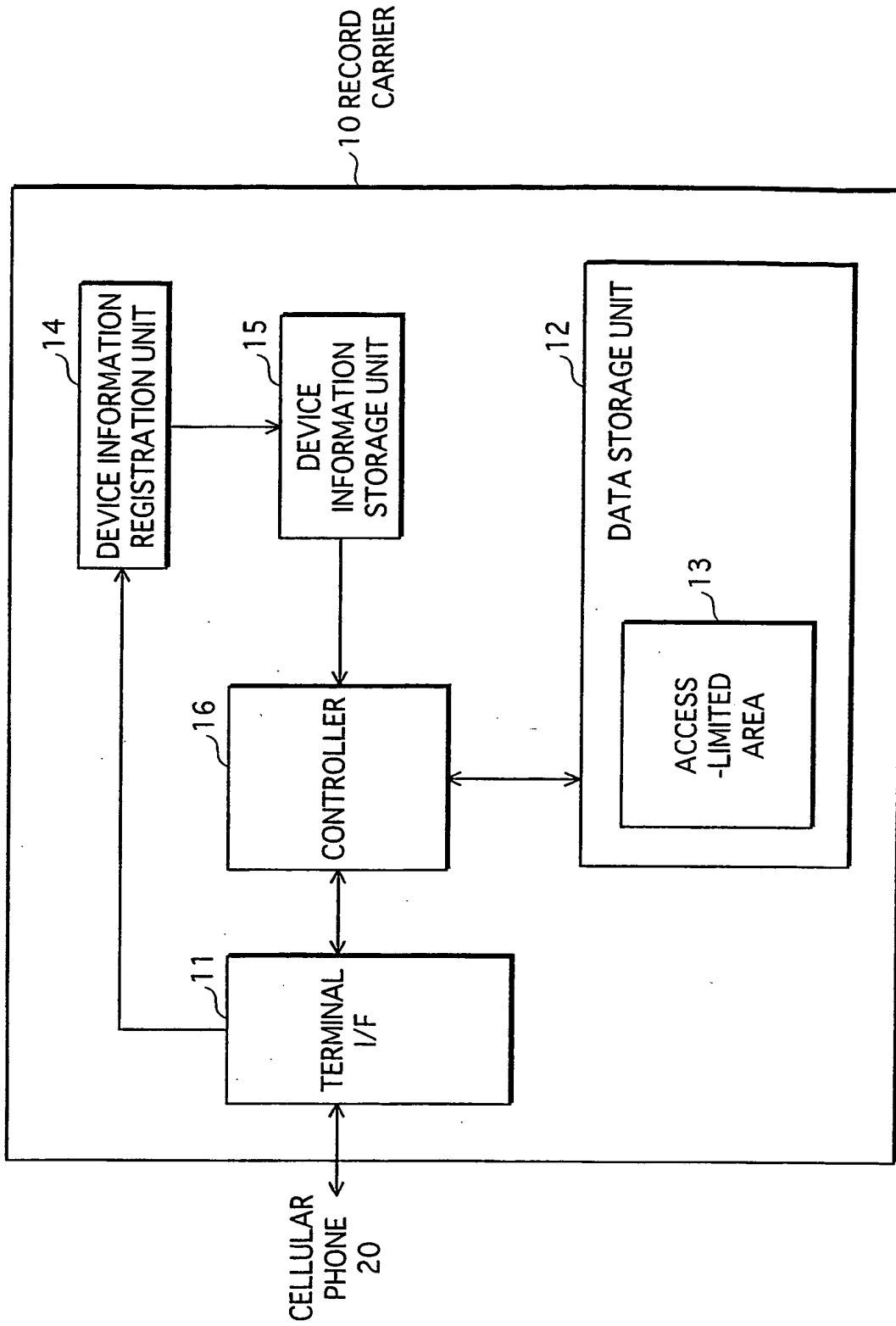
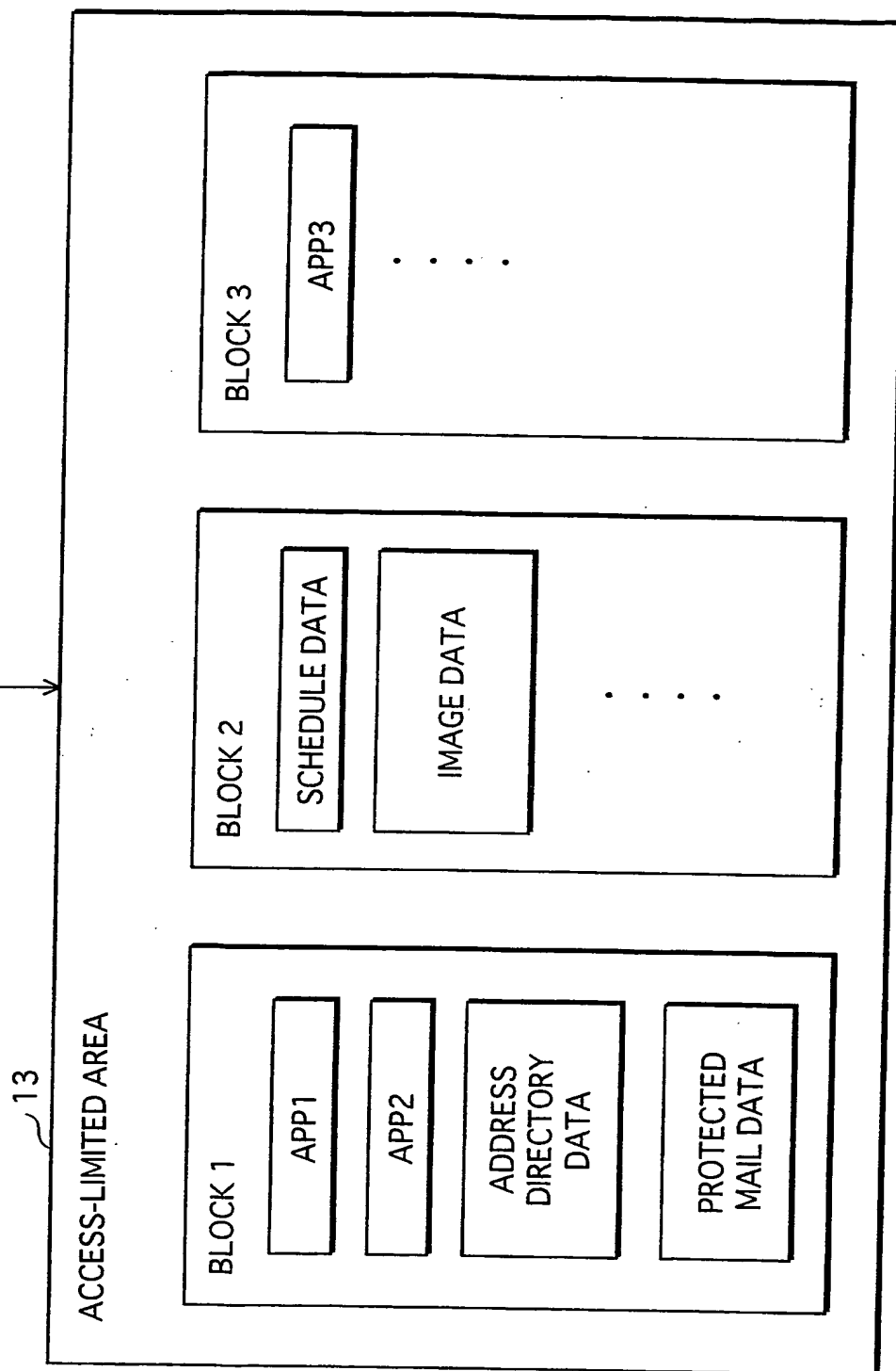


FIG.3
CONTROLLER 16



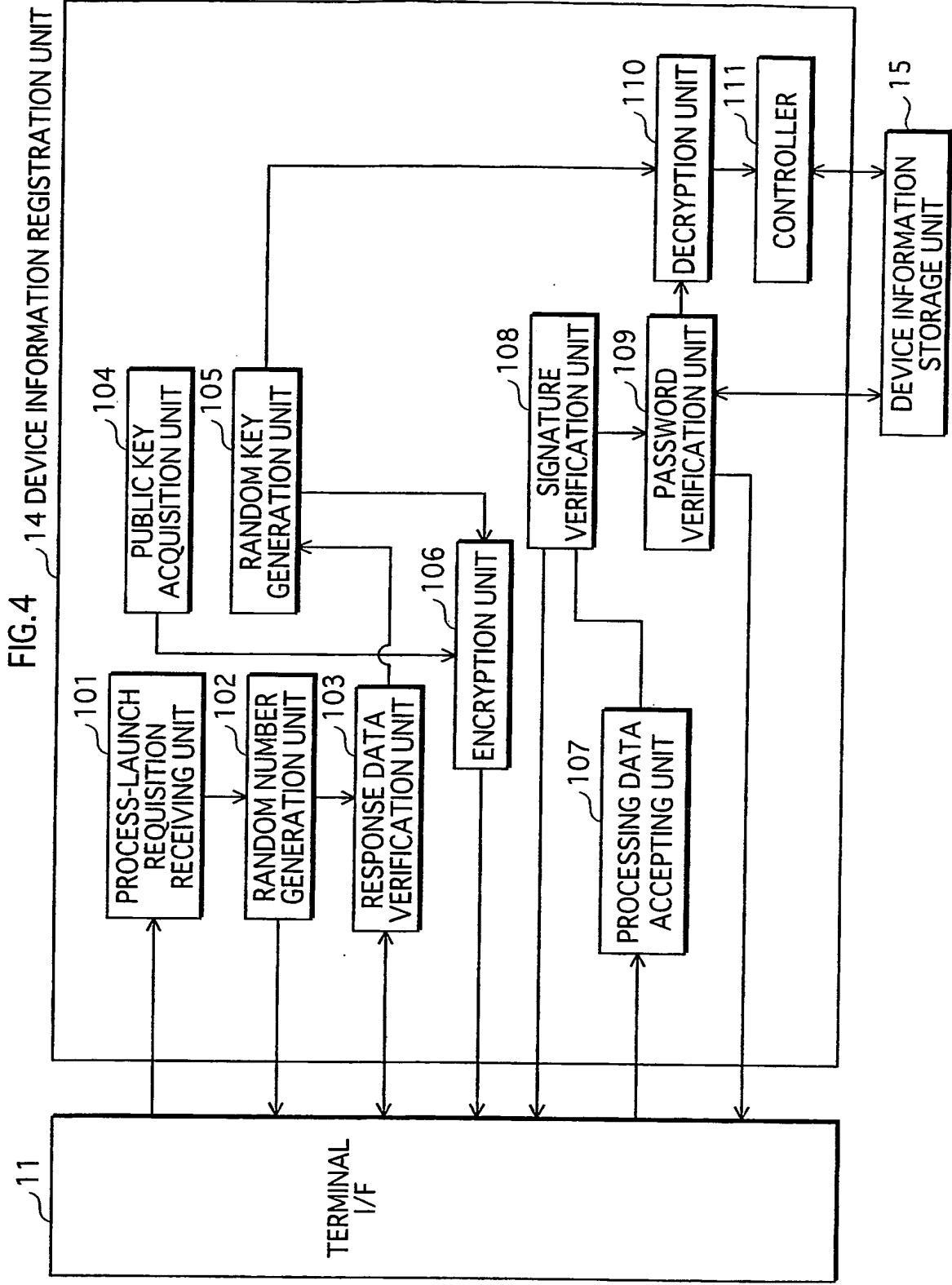


FIG. 5

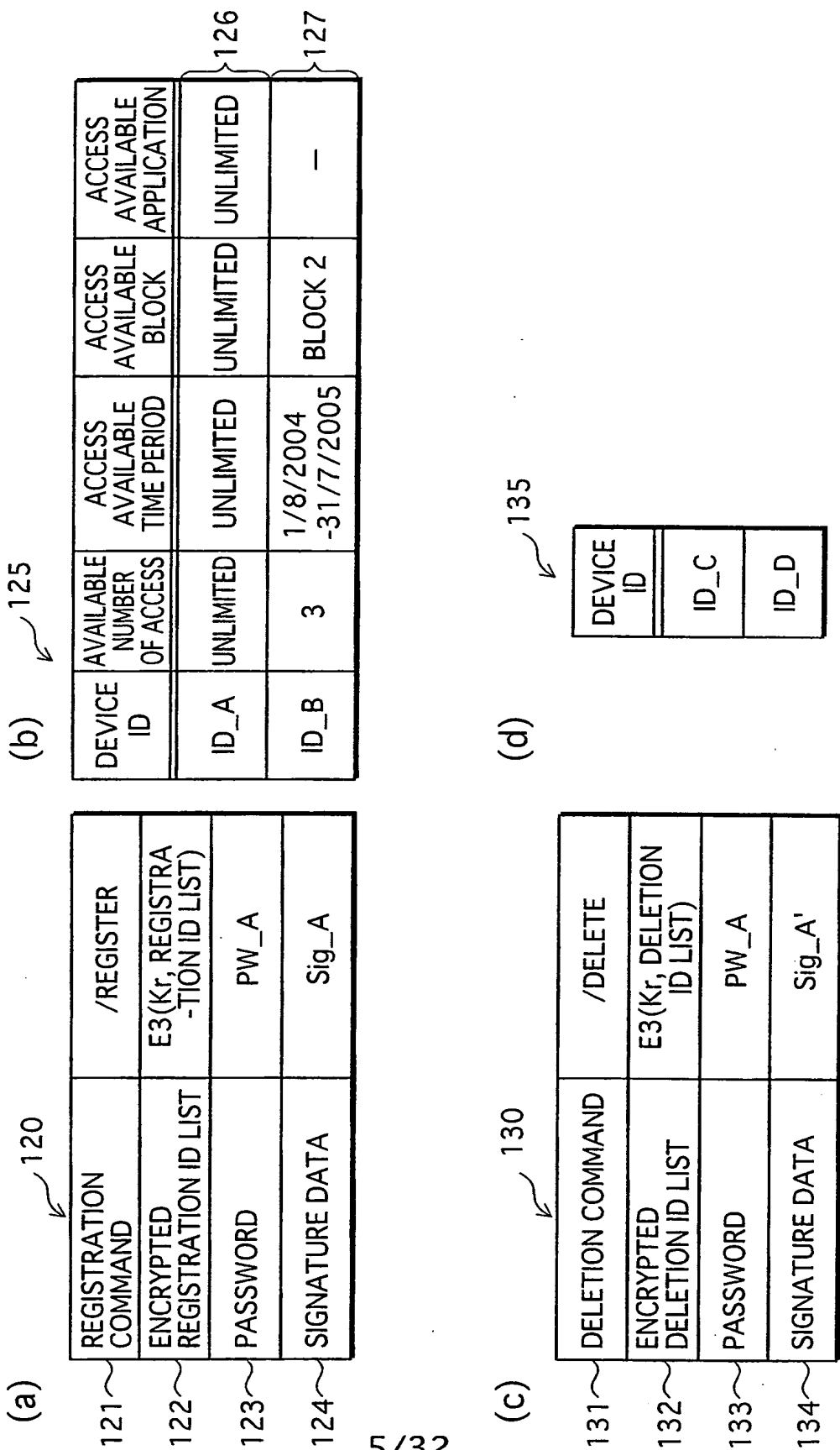


FIG.6

140

DEVICE ID	AVAILABLE NUMBER OF ACCESS	ACCESS AVAILABLE TIME PERIOD	ACCESS AVAILABLE BLOCK	ACCESS AVAILABLE APPLICATION
ID_A	UNLIMITED	UNLIMITED	UNLIMITED	UNLIMITED
ID_B	3	1/8/2004 -31/7/2005	BLOCK2	—
ID_C	5	1/8/2004 -31/7/2006	BLOCK1 BLOCK2	APP1

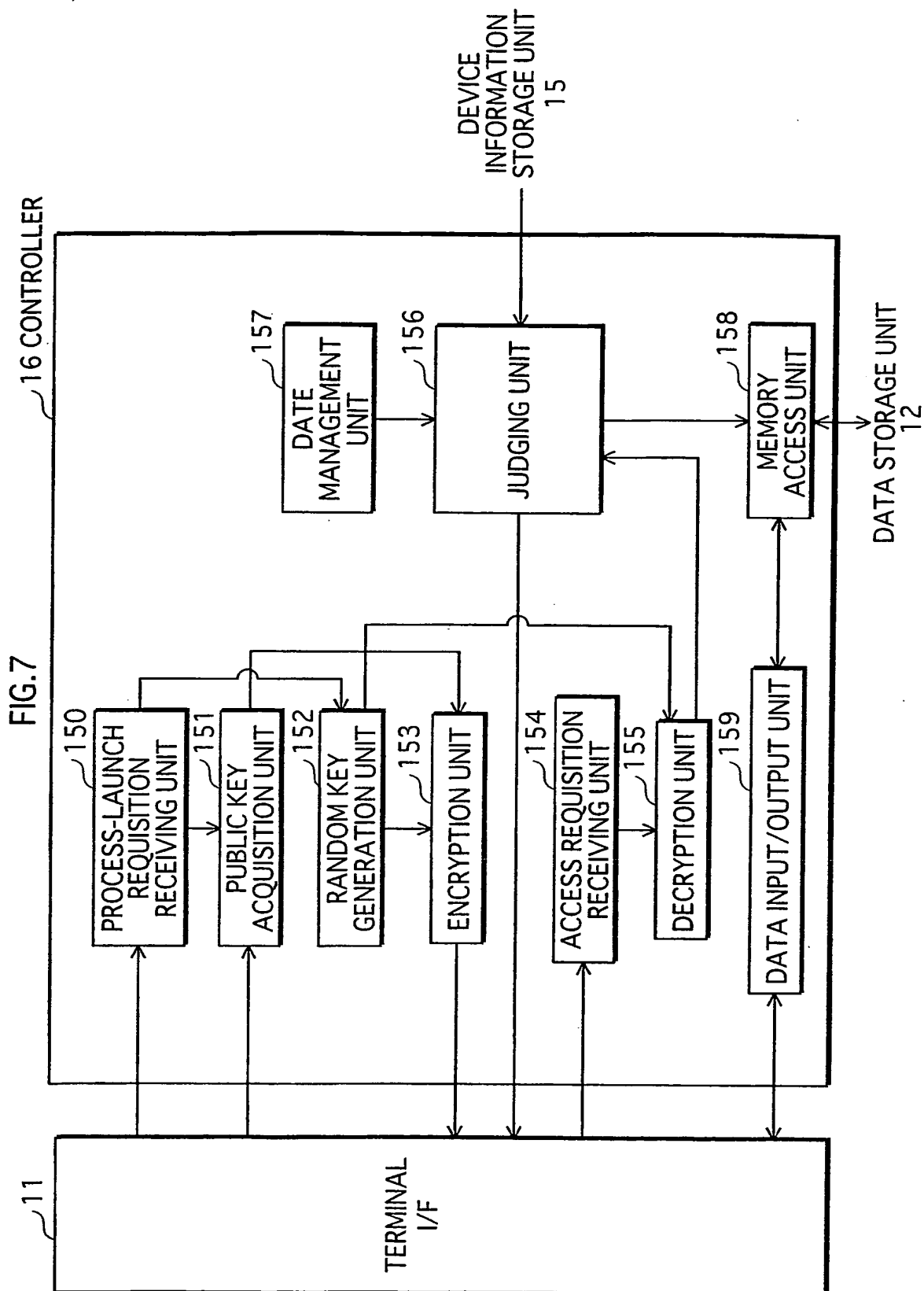


FIG.8

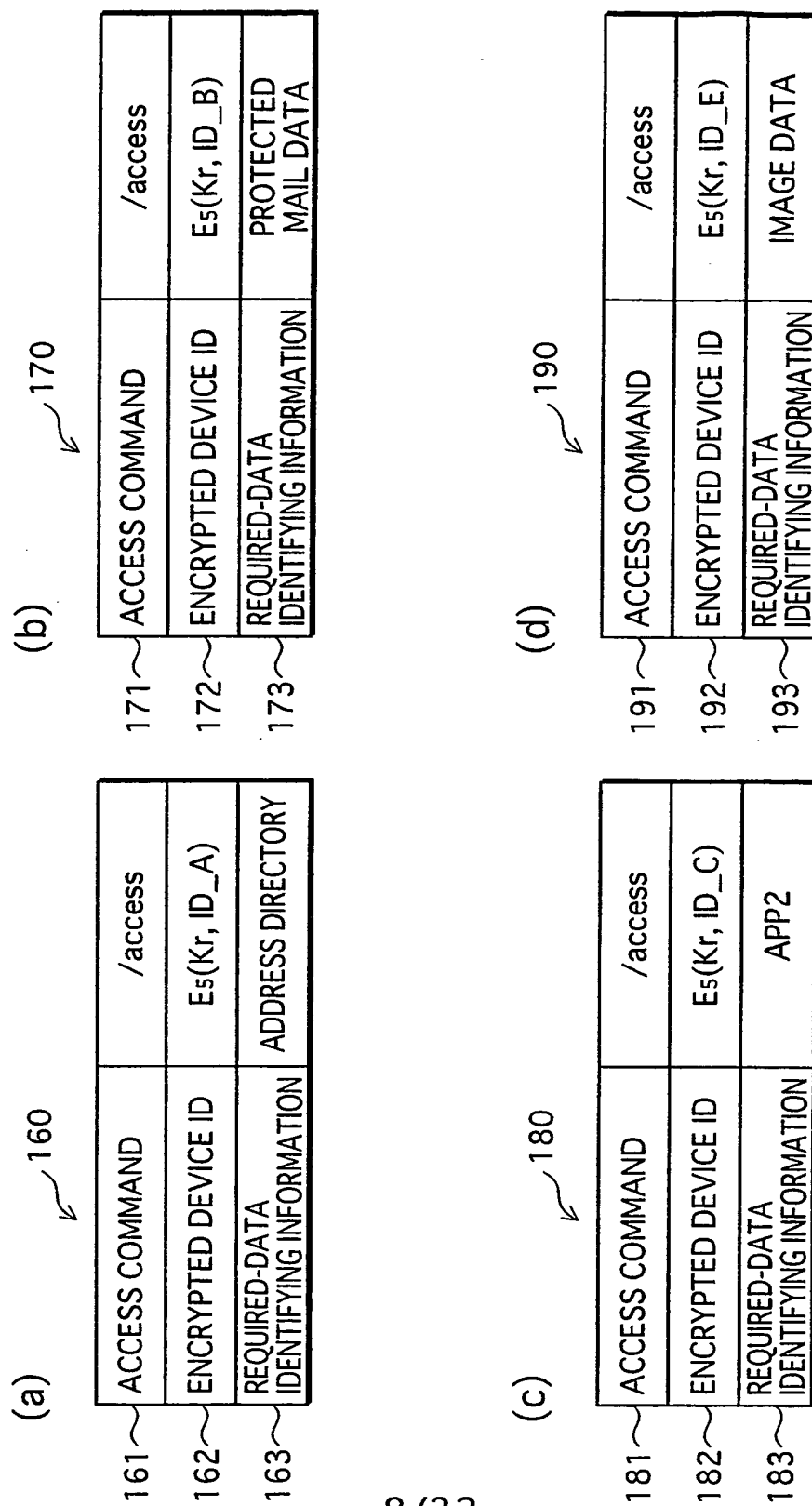


FIG.9

200



BLOCK NUMBER	DATA IDENTIFYING INFORMATION
1	APP1 APP2 ADDRESS DIRECTORY DATA PROTECTED MAIL DATA
2	SCHEDULE DATA IMAGE DATA . .
3	APP3 . . .

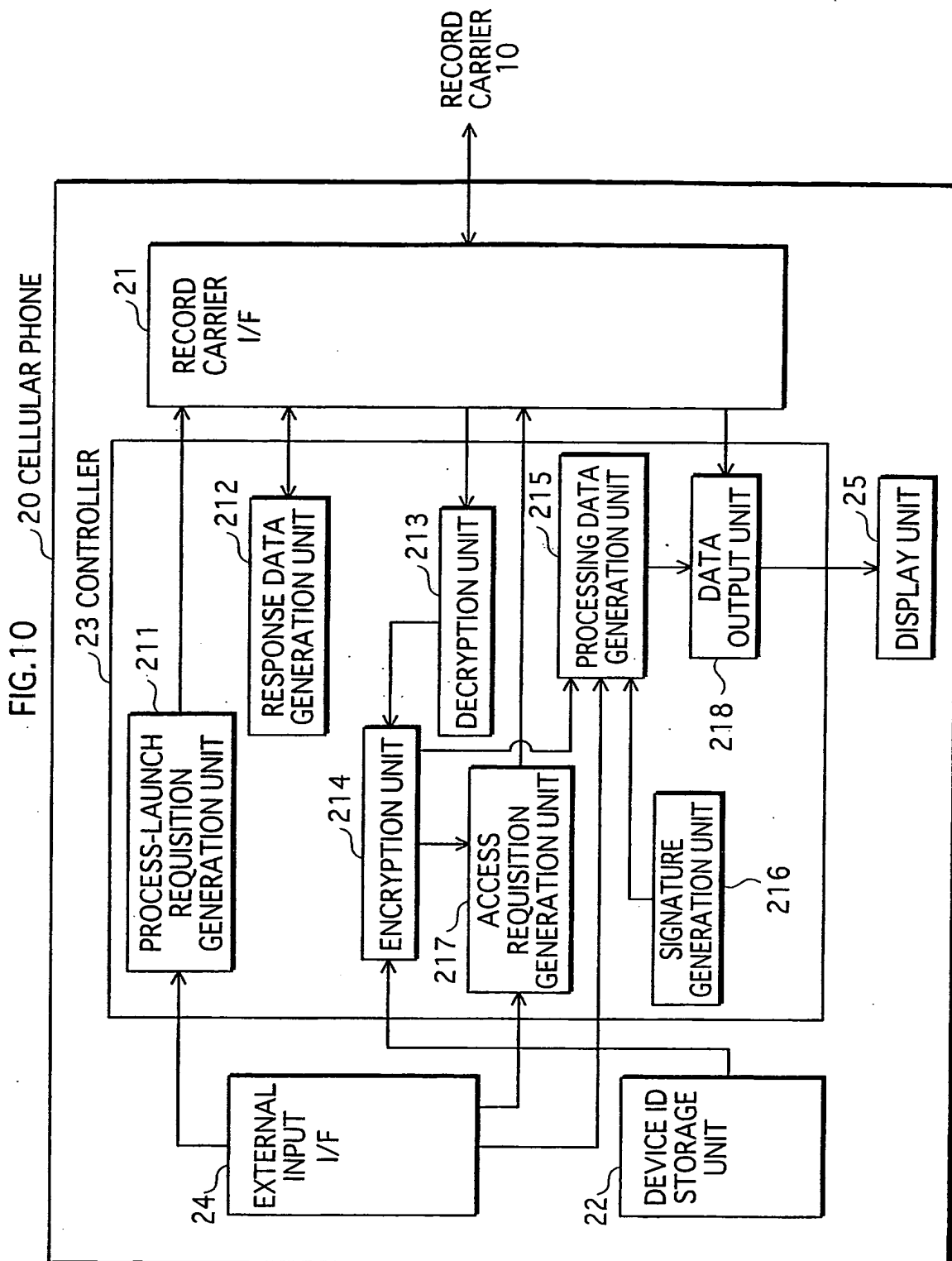


FIG.11

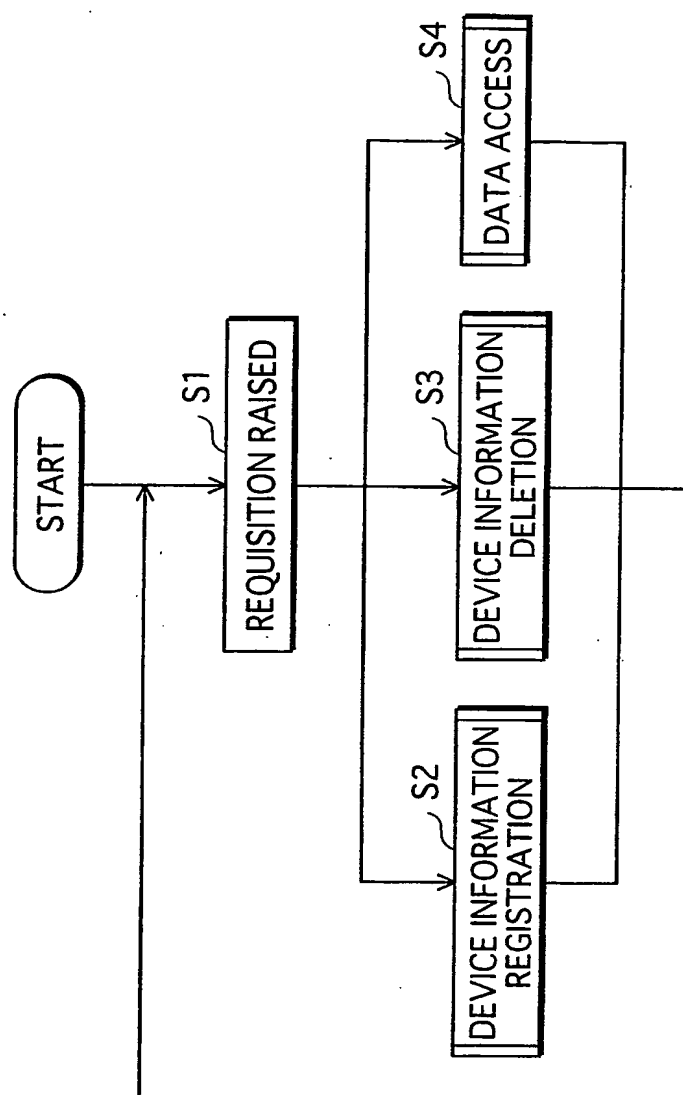


FIG.12

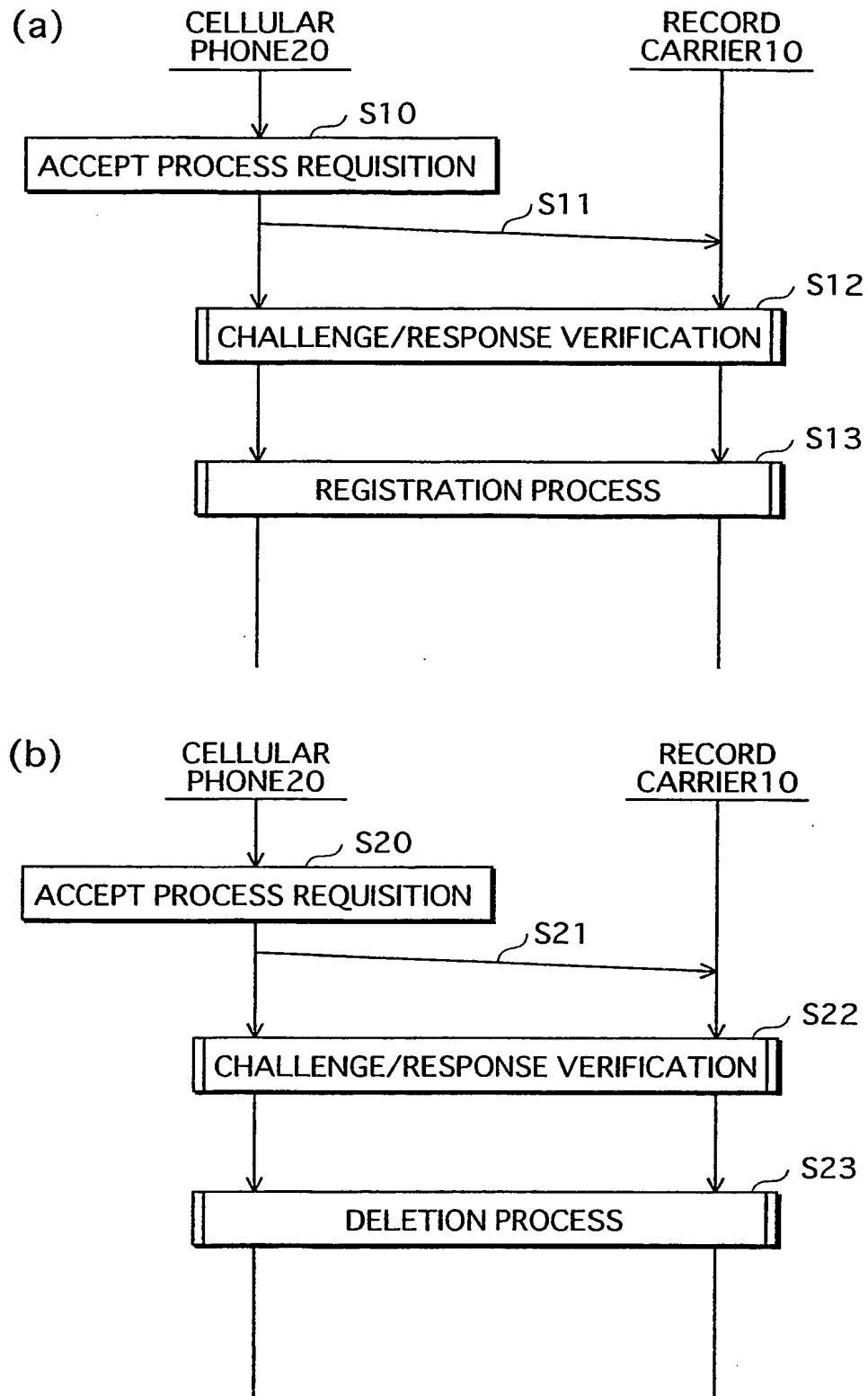


FIG.13

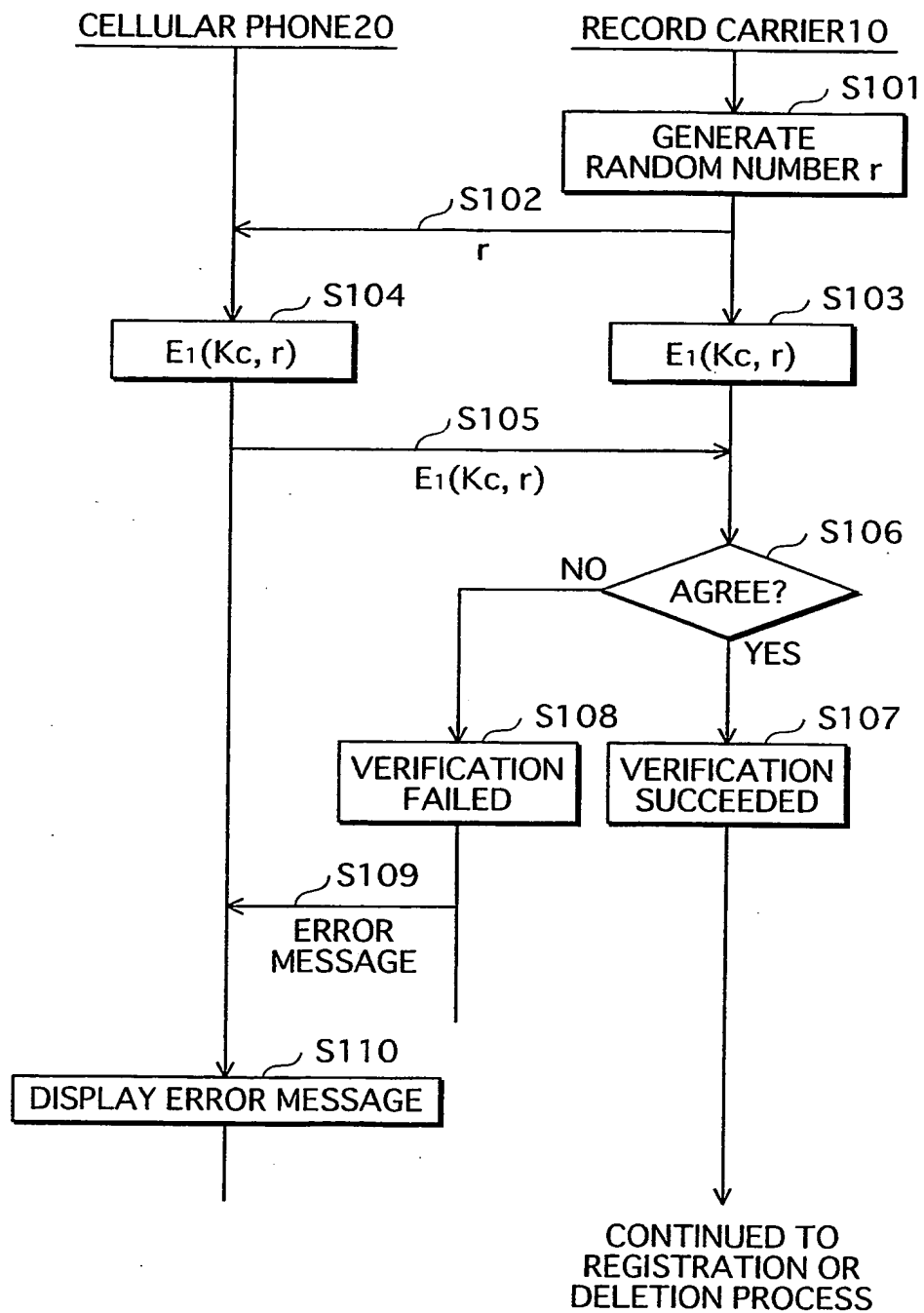


FIG. 14

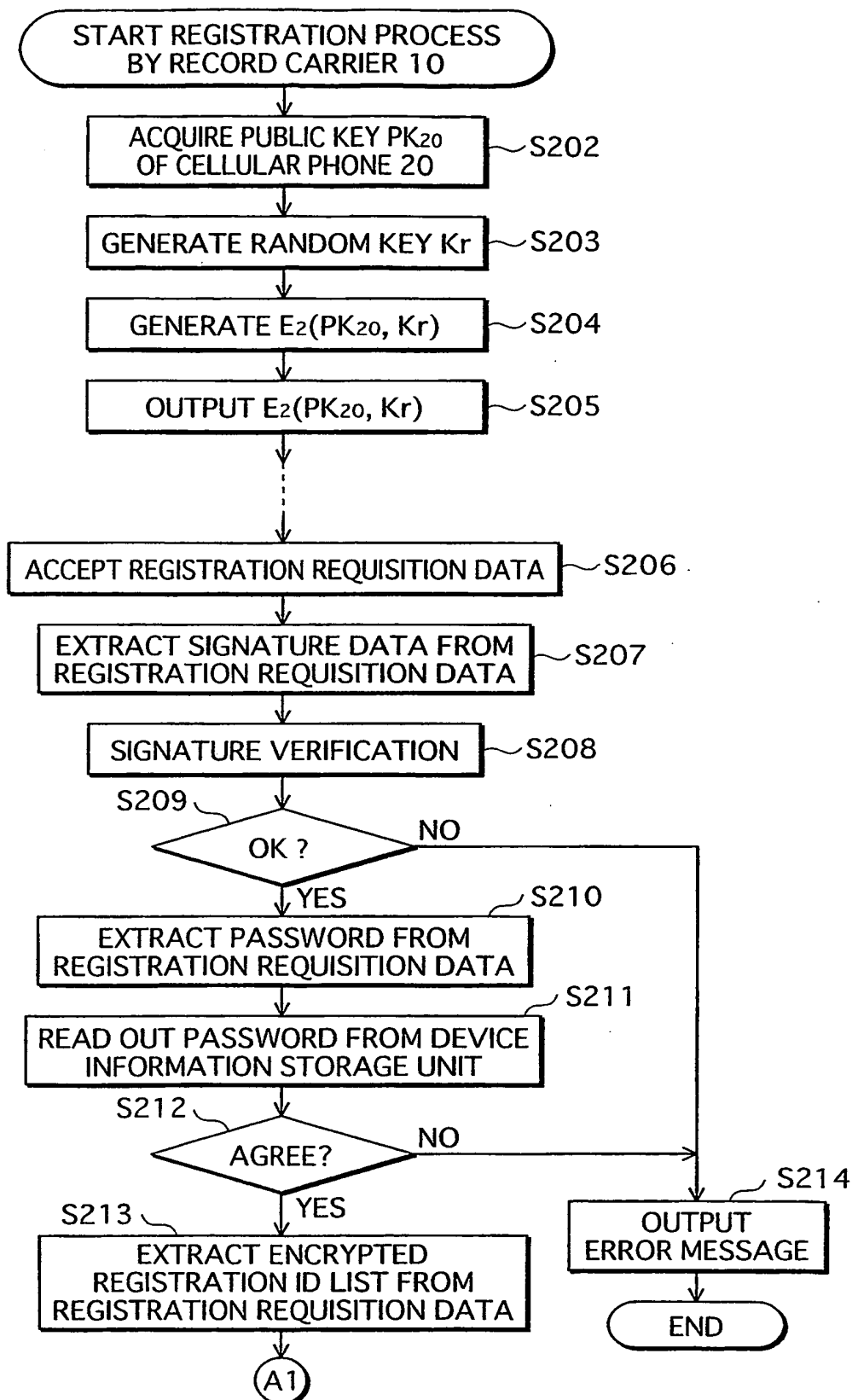


FIG.15

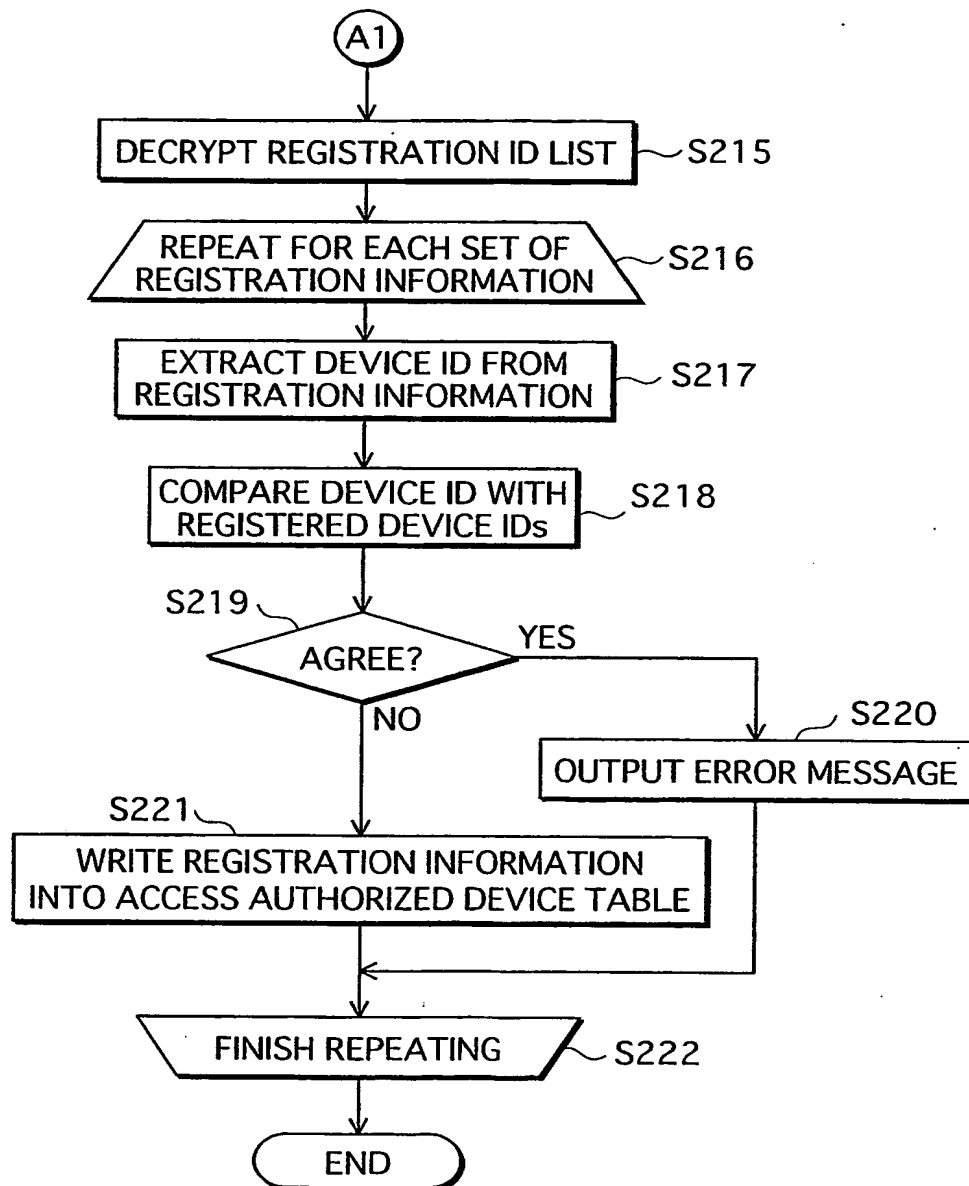


FIG. 16

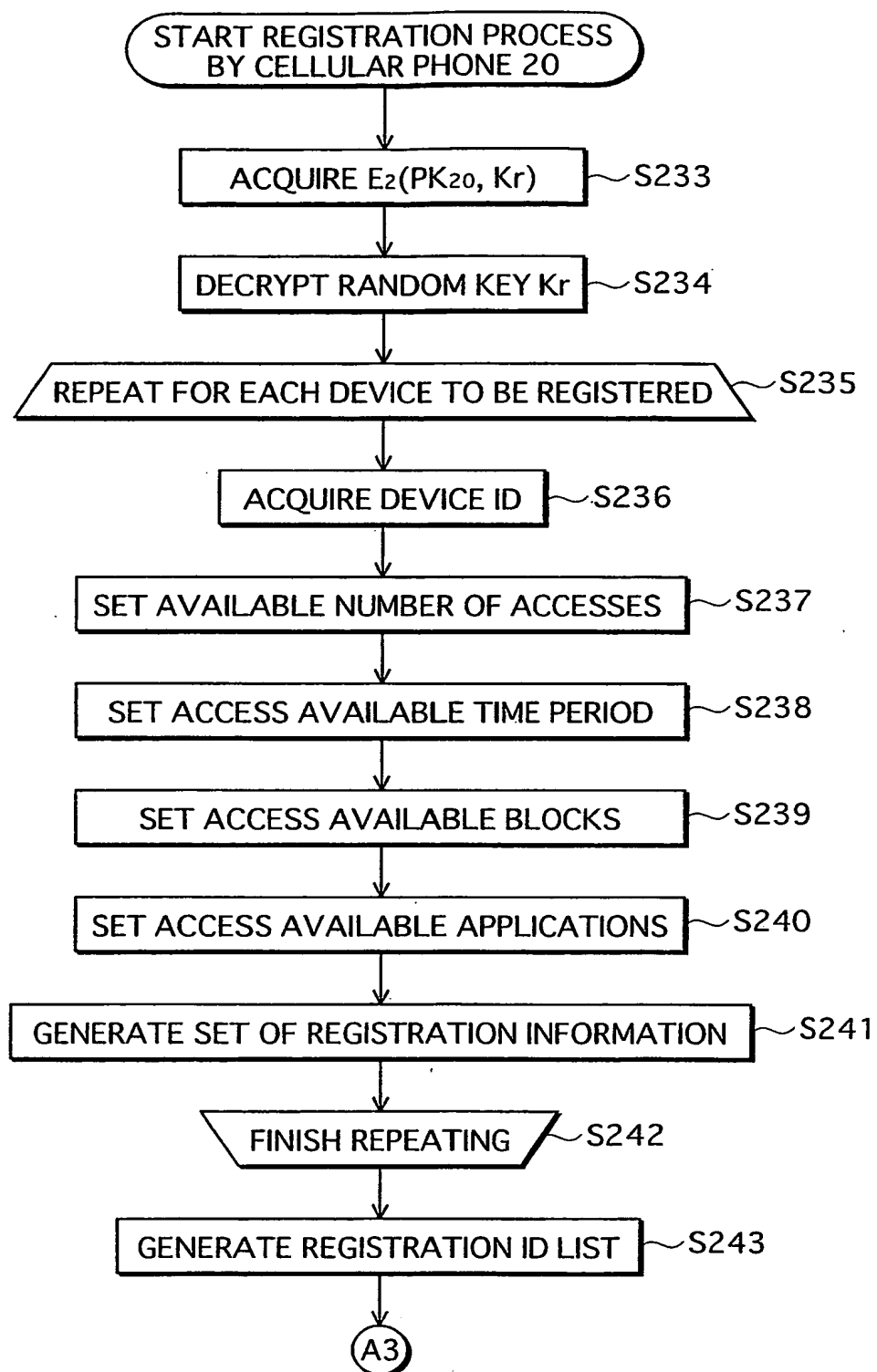


FIG. 17

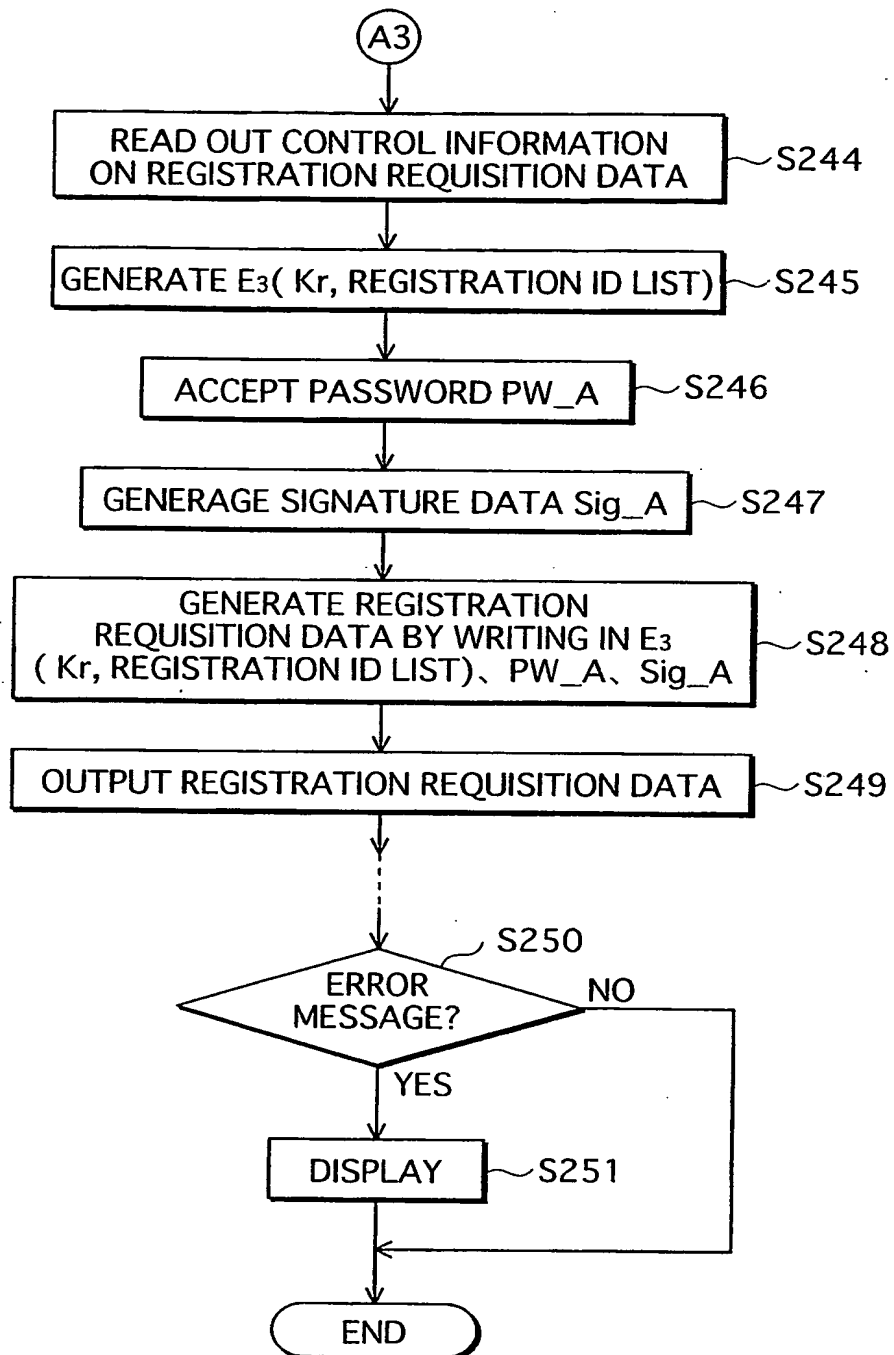


FIG. 18

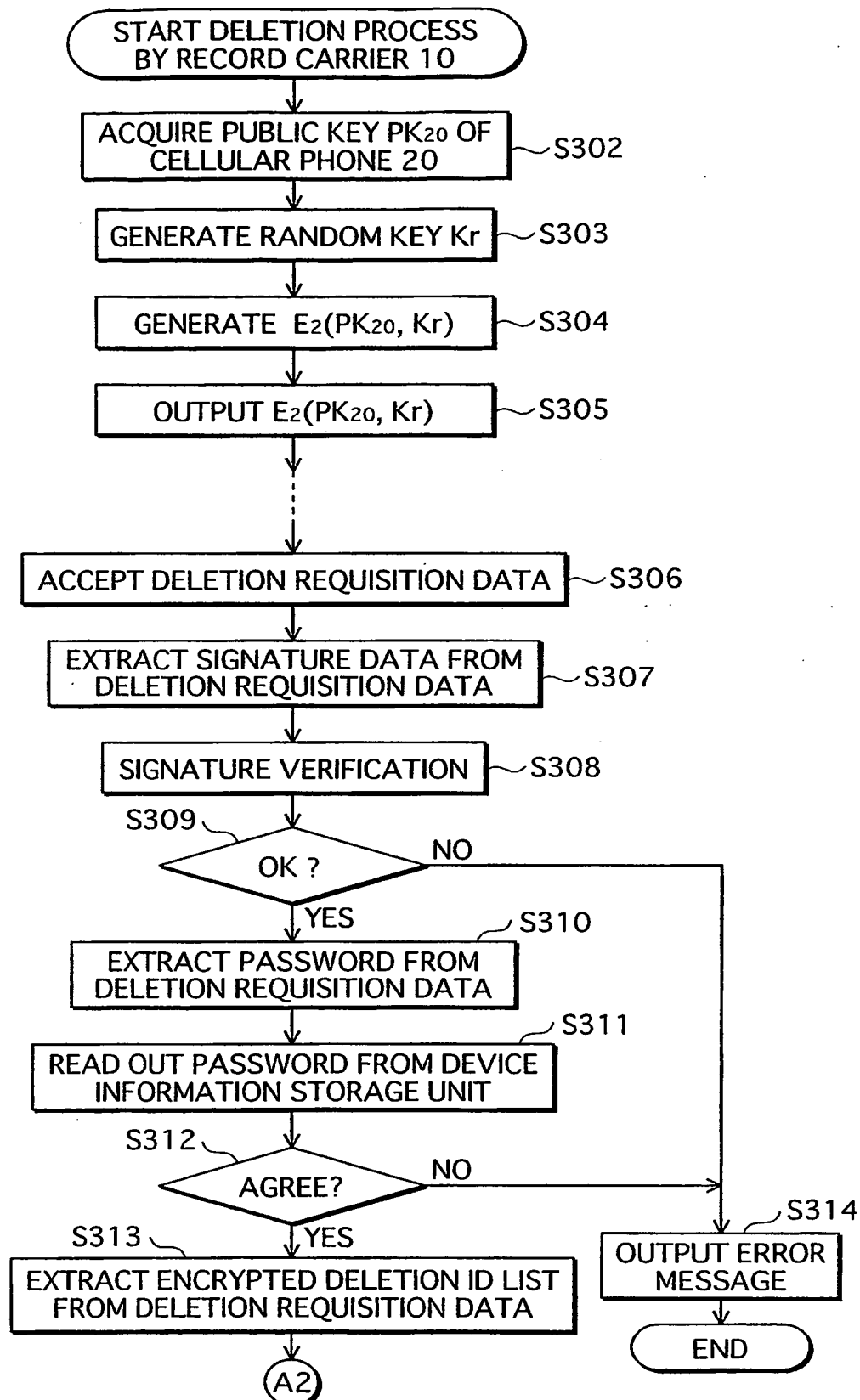


FIG.19

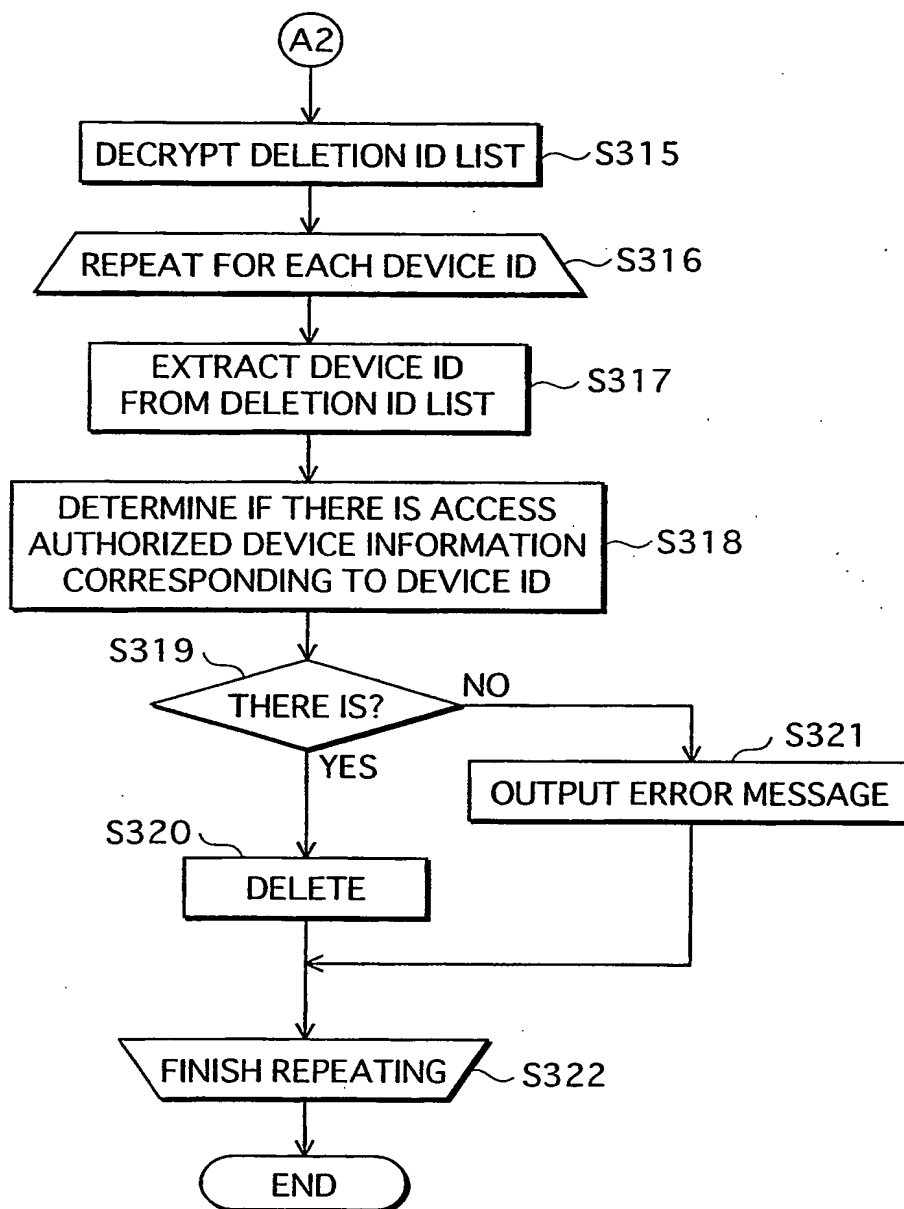


FIG.20

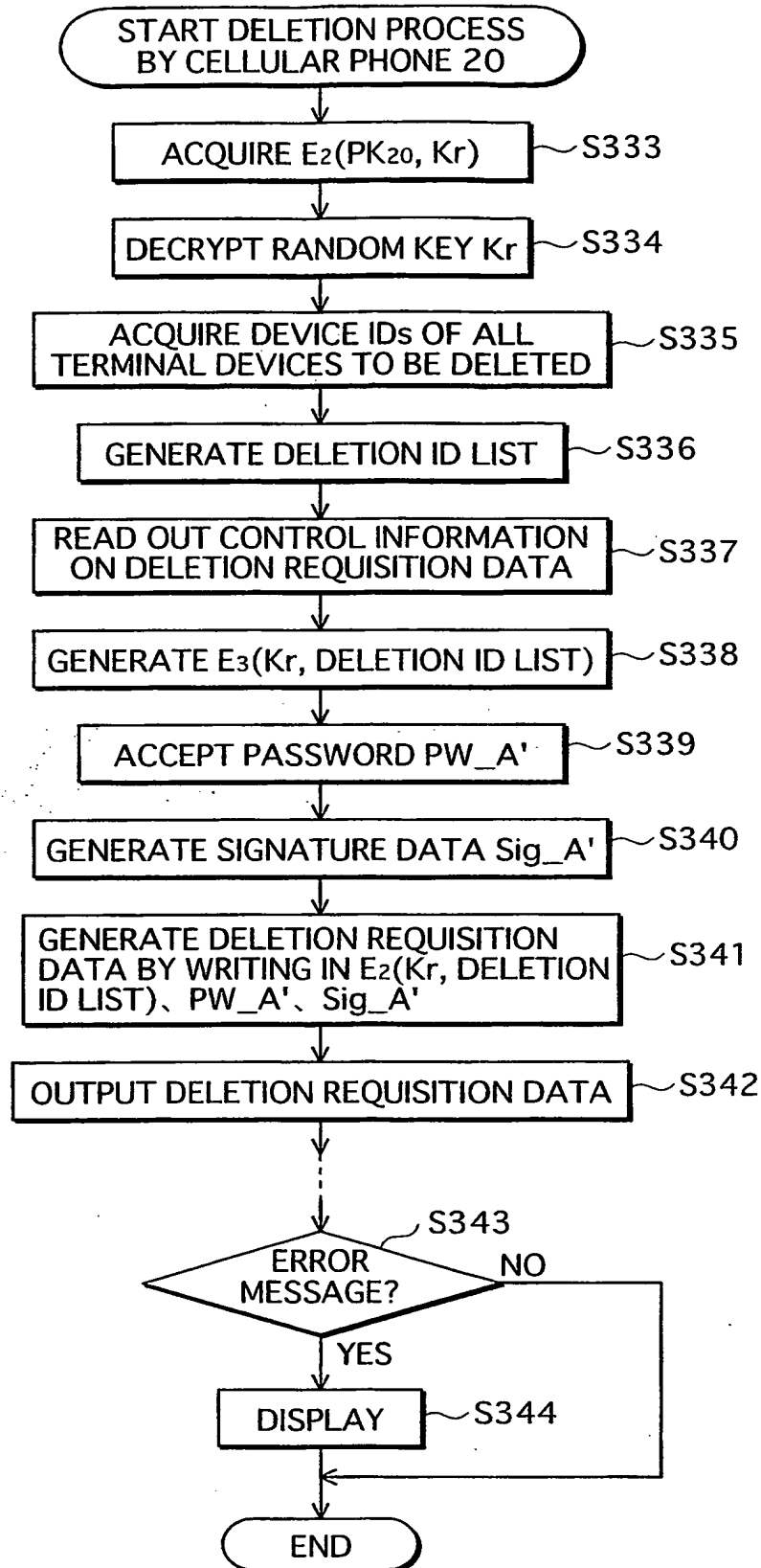


FIG.21

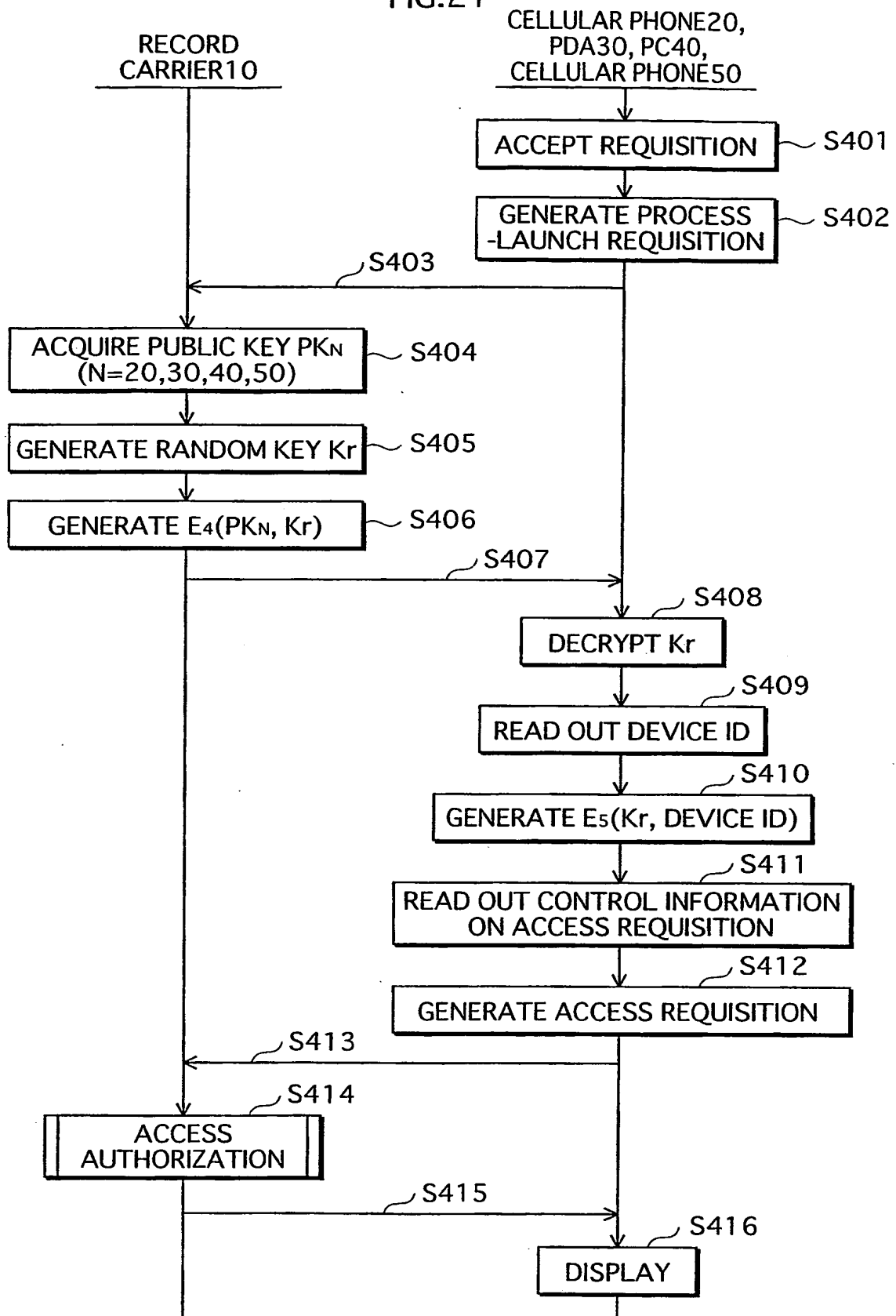


FIG.22

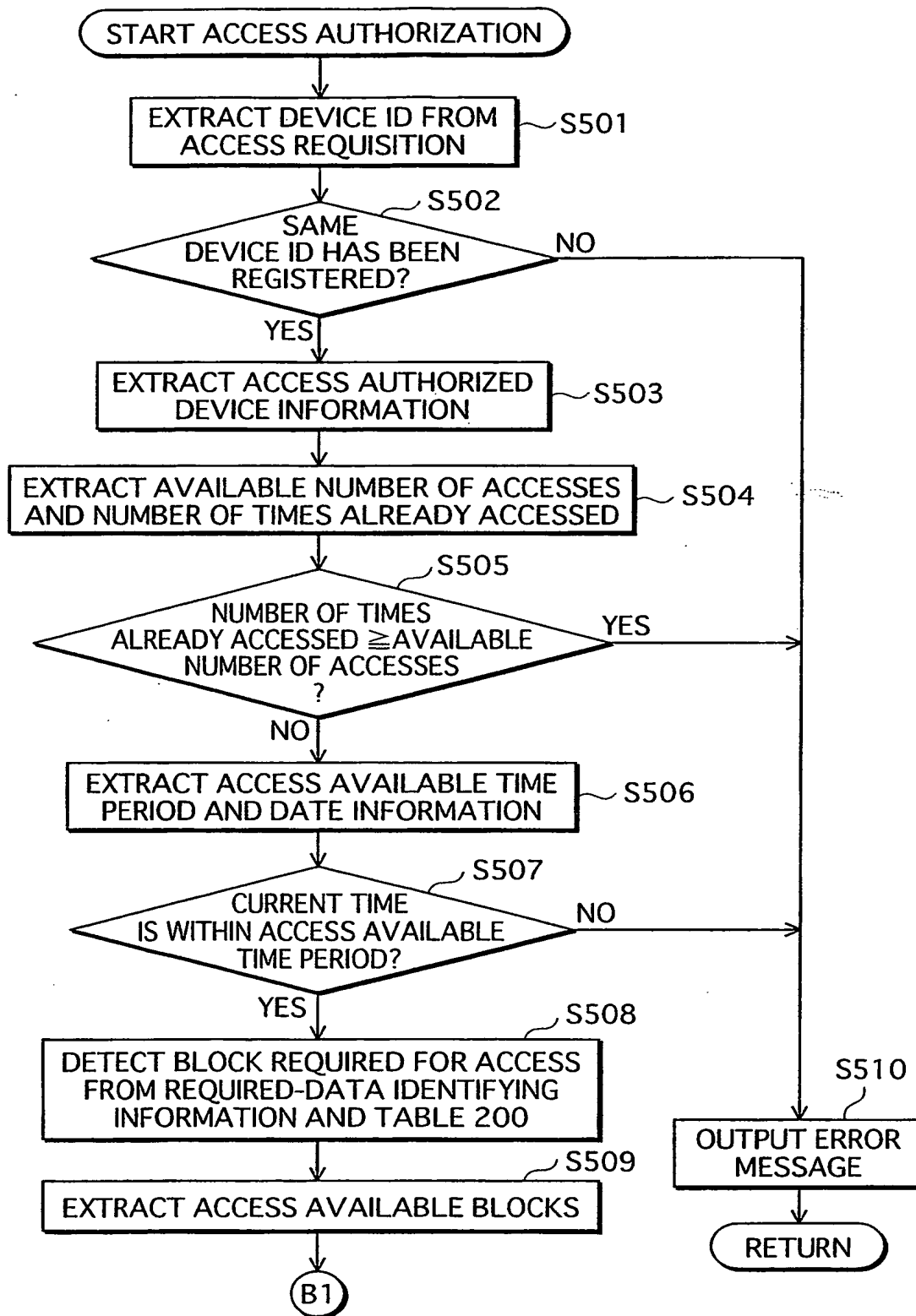
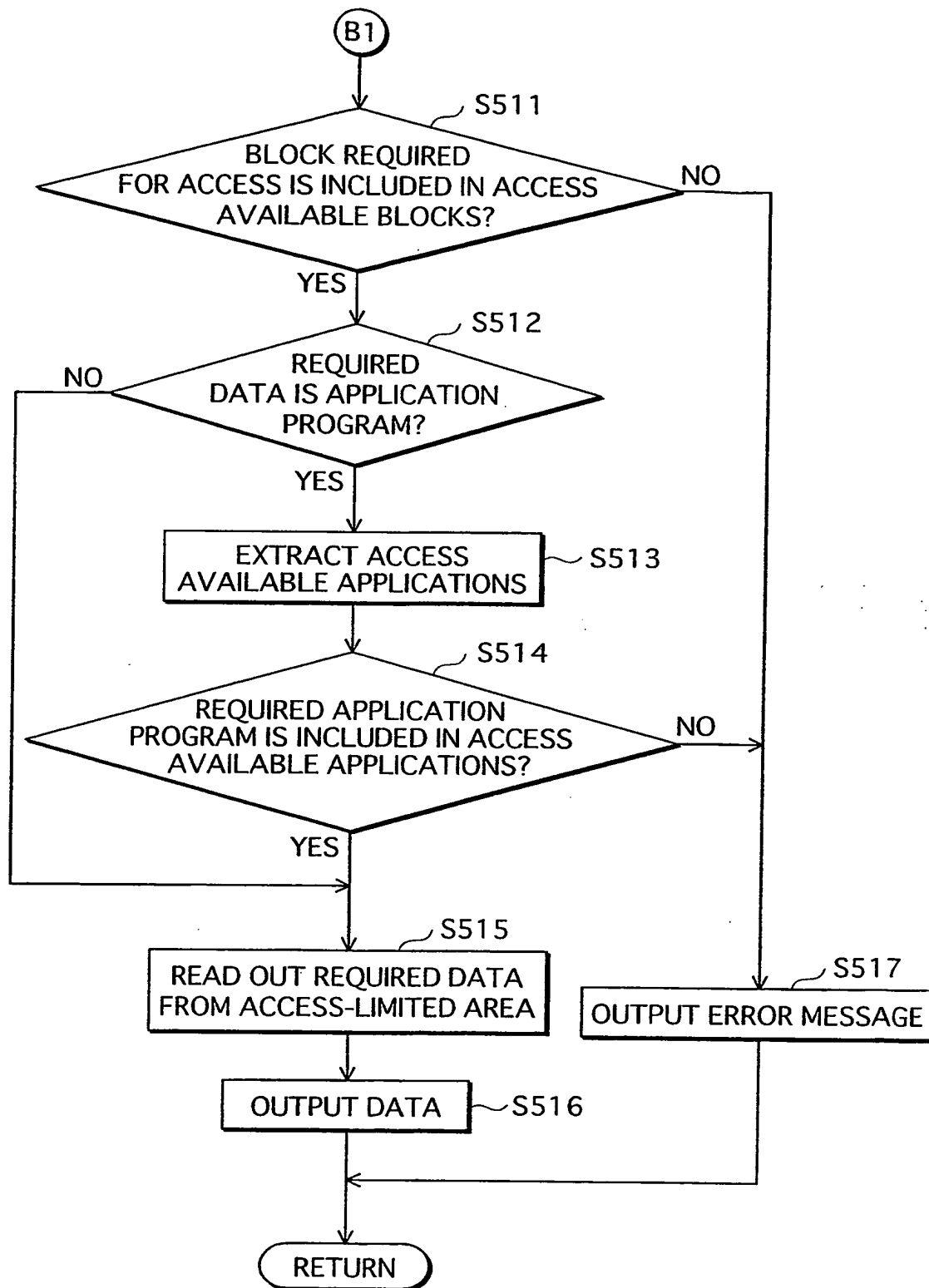


FIG.23



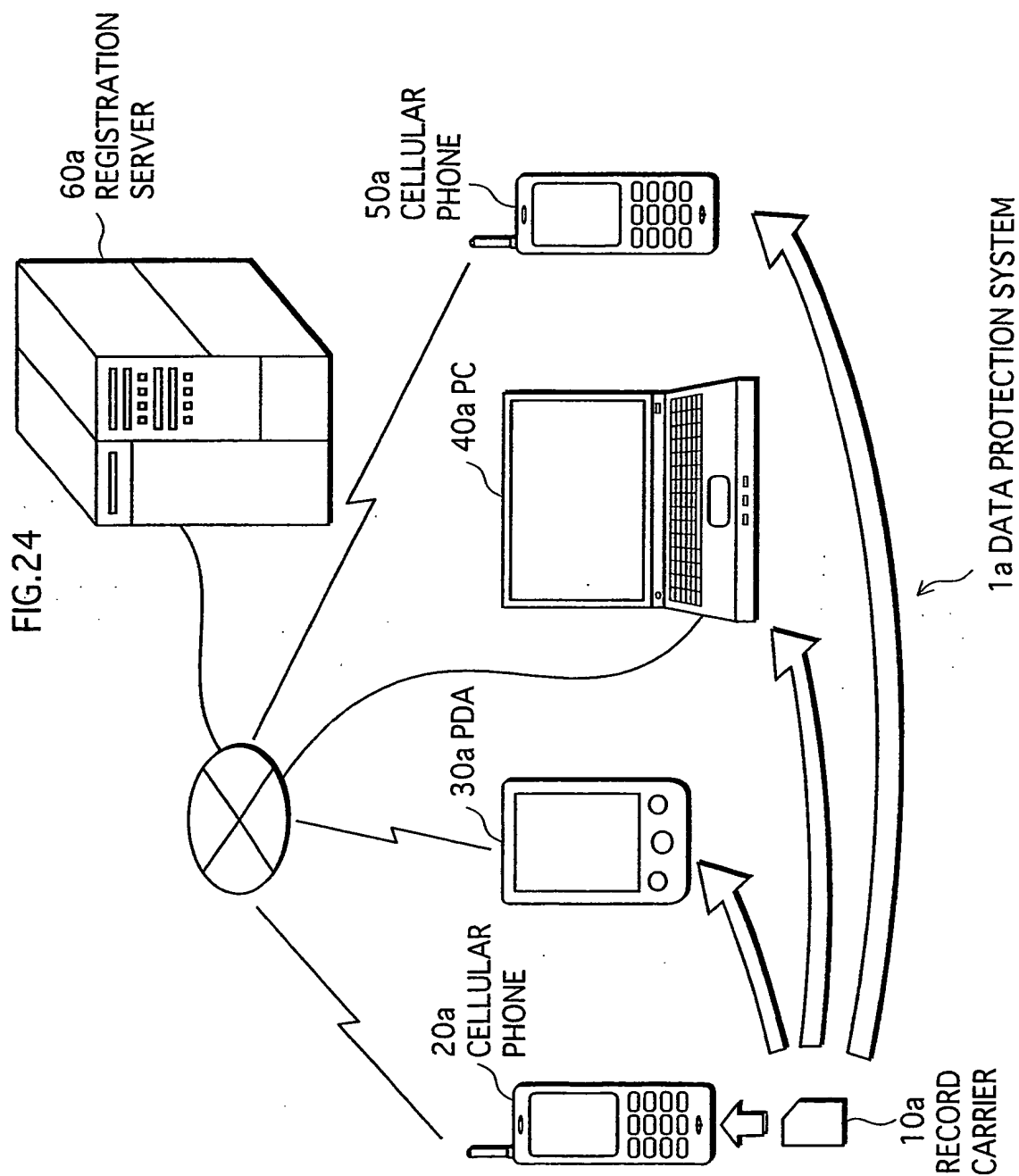


FIG.25

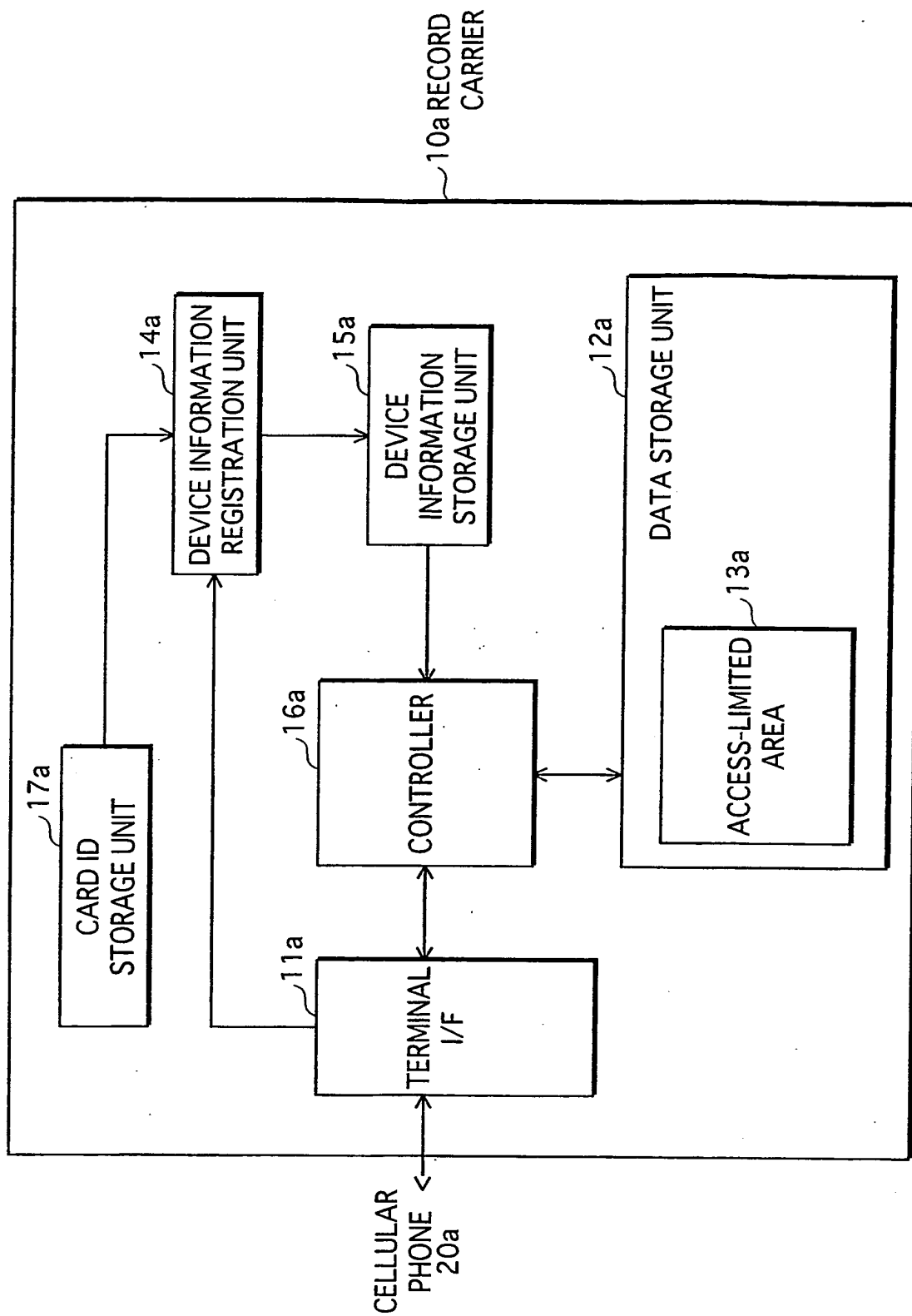


FIG.26

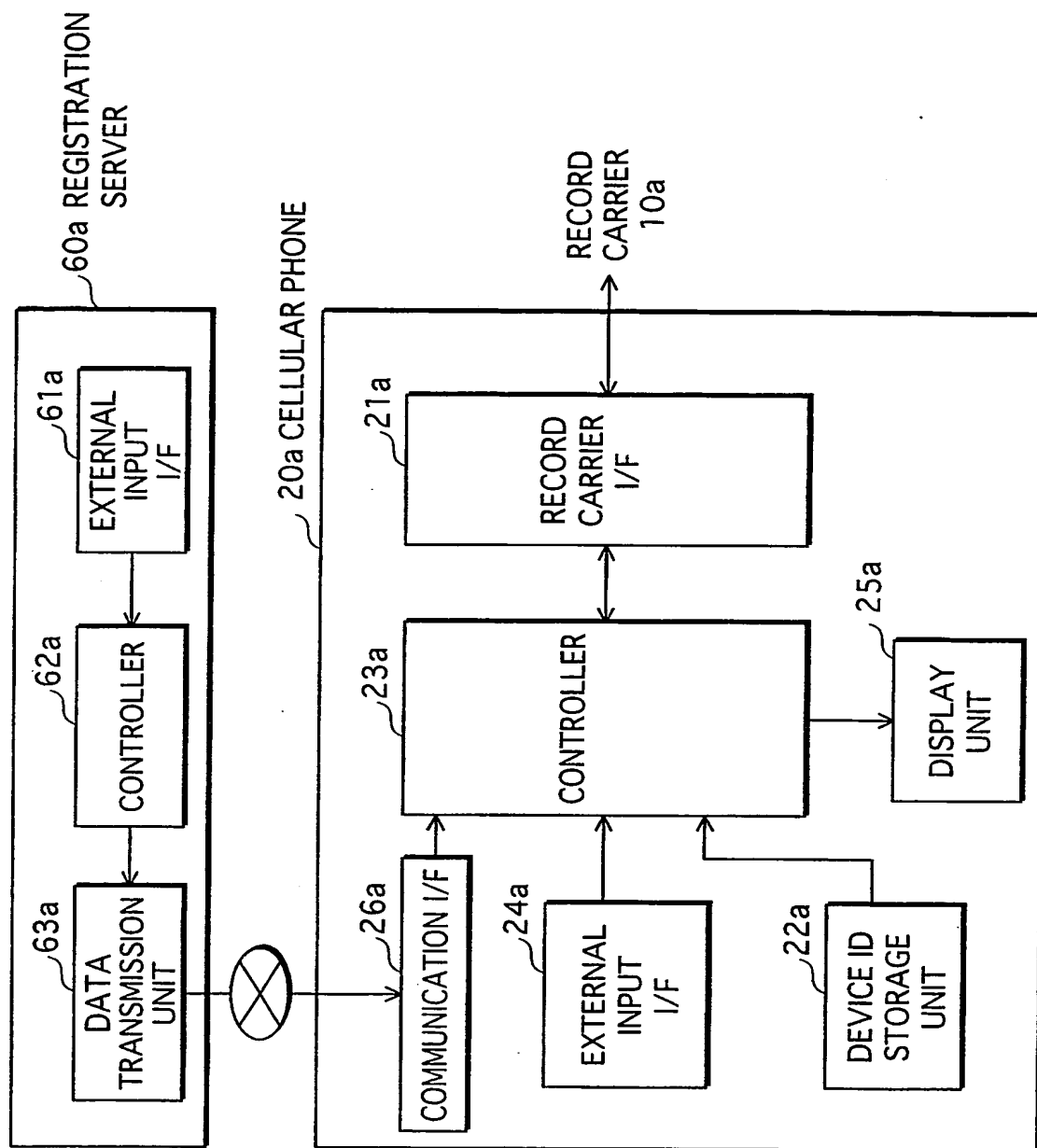


FIG.27

(a) 310

311 ~	REGISTRATION COMMAND	/REGISTER
312 ~	ENCRYPTED REGISTRATION ID LIST	E(Kr、REGISTRA -TION ID LIST)
313 ~	CARD ID	CID_A
314 ~	DEVICE ID	ID_B
315 ~	SIGNATURE DATA	Sig_A

(b) 320

321 ~	DELETION COMMAND	/DELETE
322 ~	ENCRYPTED DELETION ID LIST	E(Kr、DELETION ID LIST)
323 ~	CARD ID	CID_A
324 ~	DEVICE ID	ID_C
325 ~	SIGNATURE DATA	Sig_B

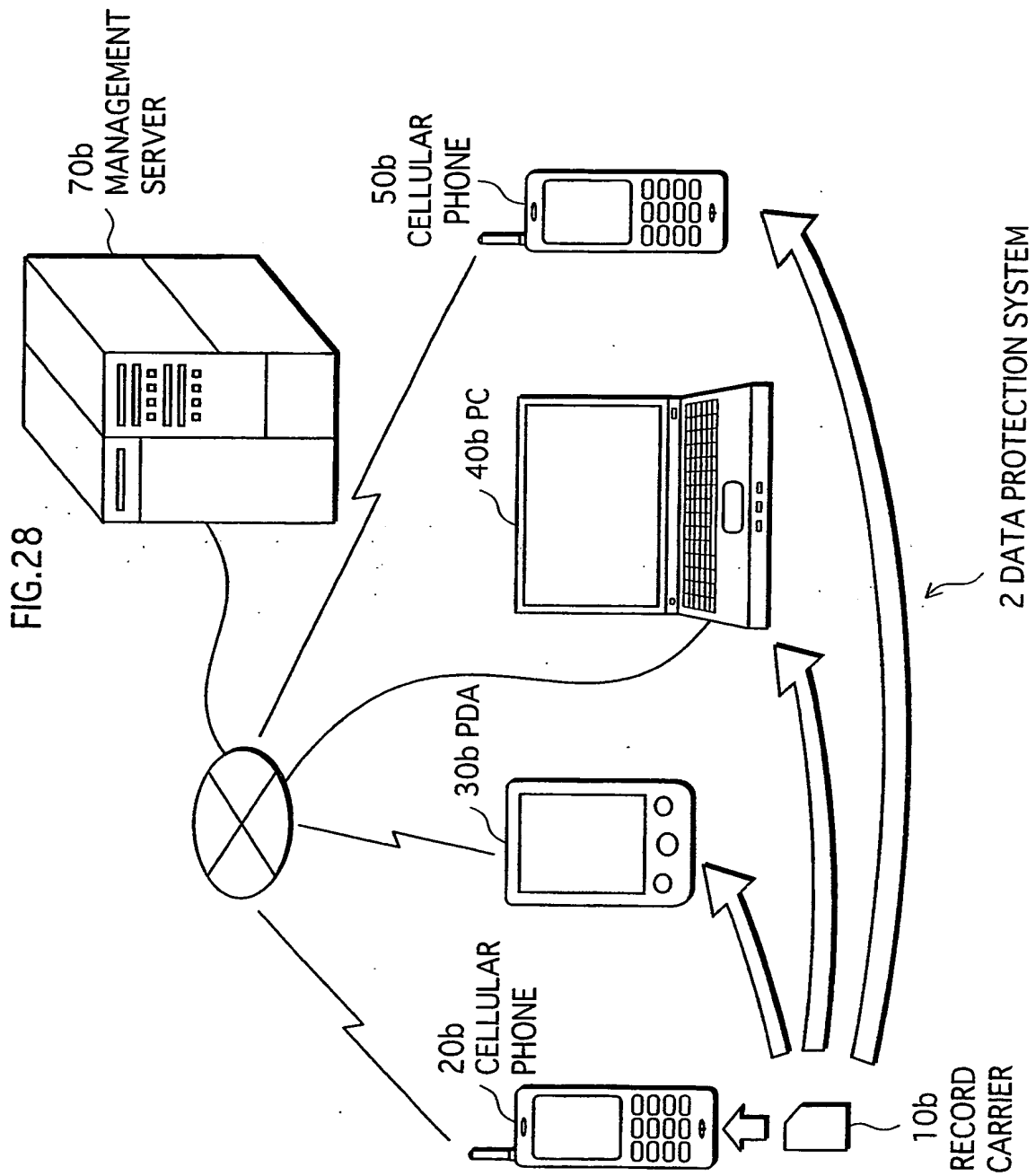


FIG.29

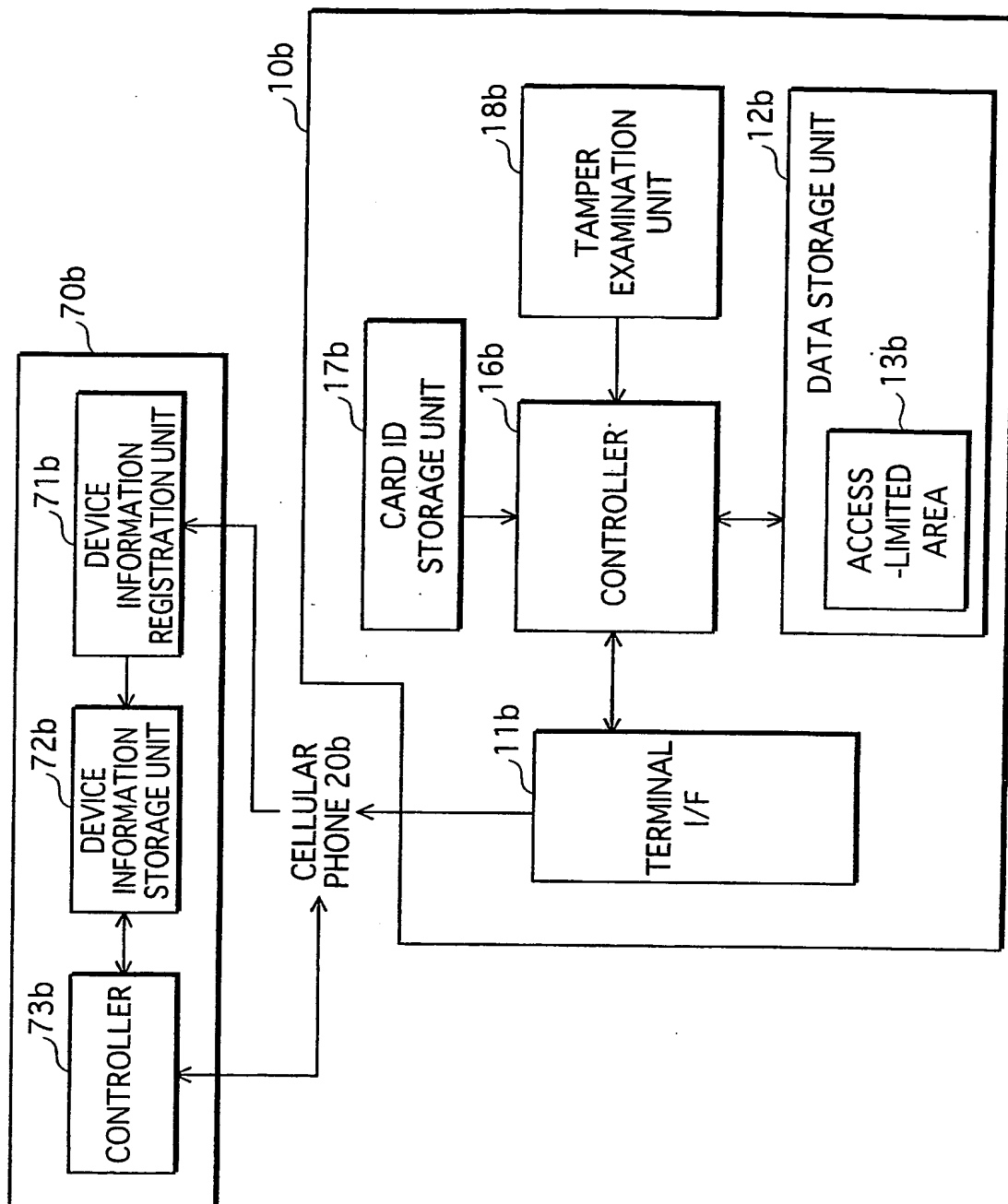


FIG.30

CARD ID	CID_A	AVAILABLE NUMBER OF ACCESS	ACCESS AVAILABLE TIME PERIOD	ACCESS AVAILABLE BLOCK	ACCESS AVAILABLE APPLICATION
ID_A	UNLIMITED	UNLIMITED	UNLIMITED	UNLIMITED	UNLIMITED
ID_B	3	1/8/2004 -31/7/2005	BLOCK2	—	141
ID_C	5	1/8/2004 -31/7/2006	BLOCK1 BLOCK2	APP1	142
					143

FIG.31

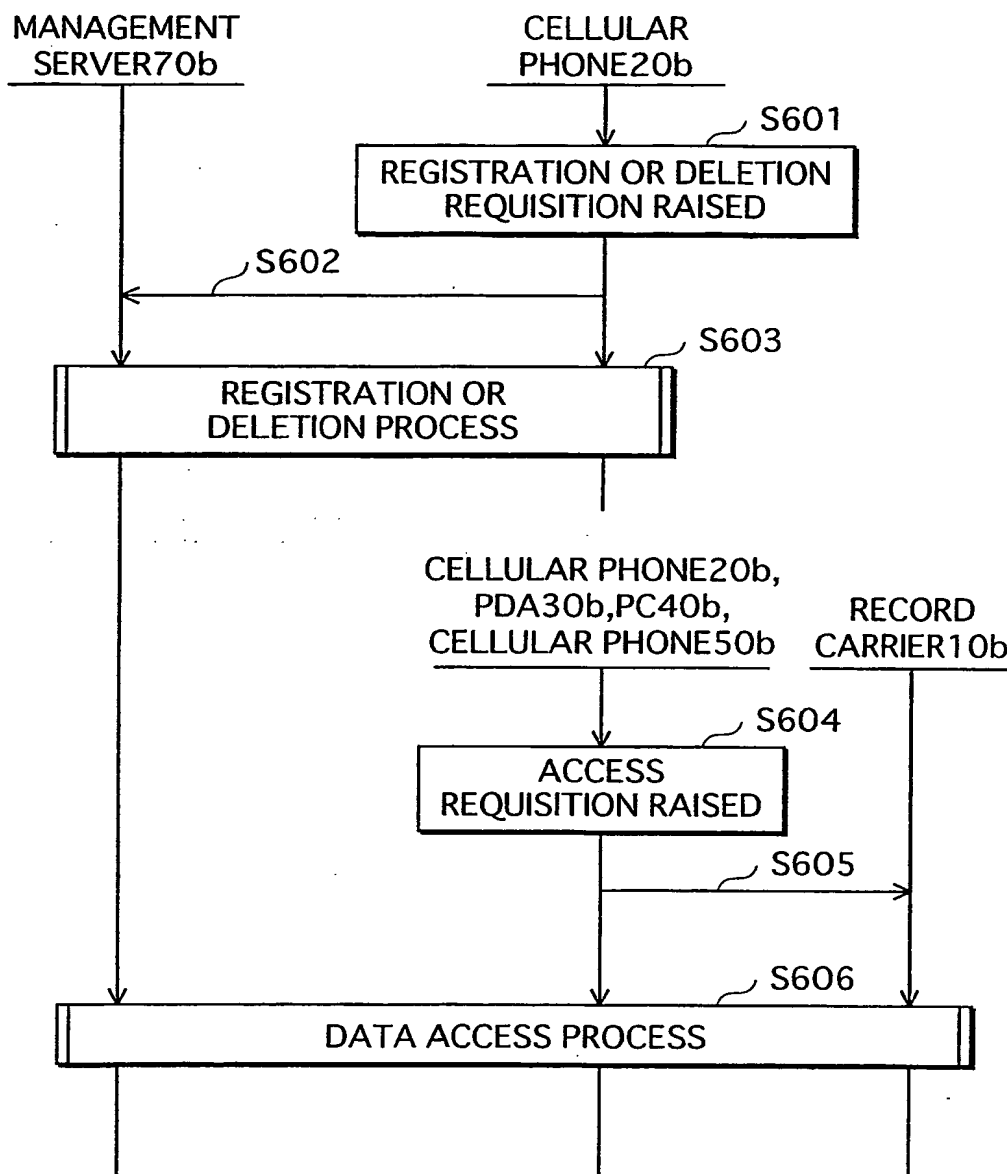


FIG.32

